

WHAT IS CLAIMED IS:

1. An information processing apparatus for
generating a print job based on a drawing command
entered from an application software and transferring
5 the generated print job to a printing apparatus,
comprising:

spooling means capable of spooling a plurality
of print jobs generated in succession; and

control means capable of combining the plural
10 print jobs entered from the spooling means and
transferring them as a single print job to the
printing apparatus.

2. An apparatus according to claim 1, wherein
15 said control means comprises:

first discrimination means which discriminates
a coincidence state of print control information of
an entered print job and print control information of
a next print job succeeding to said print job; and
20 combining means which combines said print job
and said next print job in case said first
discrimination means identifies an all coinciding
state.

25 3. An apparatus according to claim 2, wherein
said combining means combines the print jobs in case
said first discrimination means identifies that the

entered print job and the next print job have a print copy number of 1 page each (for example in a step S1204 in Fig. 10).

5 4. An apparatus according to claim 2, further comprising:

 second discrimination means which discriminates whether an application software having instructed the generation of the entered print job and the next
10 print job succeeding to said print job is a specified application;

 wherein said combining means combines the print jobs in case said second discrimination means identifies that the application software having
15 instructed the generation of the entered print job and the next print job succeeding to said print job is a specified application software.

 5. An apparatus according to claim 1, wherein
20 said control means comprises:

 first discrimination means which discriminates a coincidence state of print control information of an entered print job and print control information of a next print job succeeding to said print job;

25 second discrimination means which discriminates whether an application software having instructed the generation of the entered print job and the next

print job succeeding to said print job is a specified application software; and

combining means which combines said print job and said next print job in case said first
5 discrimination means identifies an all coinciding state, or in case said second discrimination means identifies that the application software having instructed the generation of the entered print job and the next print job succeeding to said print job
10 is a specified application.

6. An apparatus according to claim 1, wherein said control means comprises:

first discrimination means which discriminates
15 a coincidence state of print control information of an entered print job and print control information of a next print job succeeding to said print job;

second discrimination means which discriminates whether an application software having instructed the
20 generation of the entered print job and the next print job succeeding to said print job is a specified application software; and

combining means which combines said print job and said next print job in case said first
25 discrimination means identifies an all coinciding state, and in case said second discrimination means identifies that the application software having

instructed the generation of the entered print job and the next print job succeeding to said print job is a specified application software.

5 7. An apparatus according to claim 1, wherein said printing apparatus includes an engine unit executing an electrophotographic process and executes a predetermined resetting process at every partition of print job transferred from said information
10 processing apparatus.

8. A job processing method for an information processing apparatus for generating a print job based on a drawing command entered from an application
15 software and transferring the generated print job to a printing apparatus, the method comprising:

 a spooling step capable of spooling a plurality of print jobs generated in succession; and
 a control step capable of combining the plural
20 print jobs entered from the spooling step and transferring them as a single print job to the printing apparatus.

9. A method according to claim 8, wherein said
25 control step comprises:

 a first discrimination step which discriminates a coincidence state of print control information of

an entered print job and print control information of
a next print job succeeding to said print job; and
a combining step which combines said print job
and said next print job in case said first
5 discrimination step identifies an all coinciding
state.

10. A method according to claim 9, wherein said
combining step combines the print jobs in case said
10 first discrimination step identifies that the entered
print job and the next print job have a print copy
number of 1 page each.

11. A method according to claim 8, further
15 comprising:
a second discrimination step which
discriminates whether an application software having
instructed the generation of the entered print job
and the next print job succeeding to said print job
20 is a specified application software;

wherein said combining step combines the print
jobs in case said second discrimination step
identifies that the application software having
instructed the generation of the entered print job
25 and the next print job succeeding to said print job
is a specified application software.

12. A method according to claim 8, wherein said control step comprises:

a first discrimination step which discriminates a coincidence state of print control information of
5 an entered print job and print control information of a next print job succeeding to said print job;

a second discrimination step which discriminates whether an application software having instructed the generation of the entered print job
10 and the next print job succeeding to said print job is a specified application software; and

a combining step which combines said print job and said next print job in case said first discrimination step identifies an all coinciding
15 state, or in case said second discrimination step identifies that the application software having instructed the generation of the entered print job and the next print job succeeding to said print job is a specified application software.

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13. A method according to claim 8, wherein said control step comprises:

a first discrimination step which discriminates a coincidence state of print control information of
25 an entered print job and print control information of a next print job succeeding to said print job;

a second discrimination step which

discriminates whether an application software having instructed the generation of the entered print job and the next print job succeeding to said print job is a specified application software; and

5 a combining step which combines said print job and said next print job in case said first discrimination step identifies an all coinciding state, and in case said second discrimination step identifies that the application software having
10 instructed the generation of the entered print job and the next print job succeeding to said print job is a specified application software.

14. A method according to claim 8, wherein the
15 printing apparatus includes an engine unit executing an electrophotographic process and executes a predetermined resetting process at every partition of print job transferred from the information processing apparatus.

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15. A job processing program to be implemented in an information processing apparatus for generating a print job based on a drawing command entered from an application software and transferring the
25 generated print job to a printing apparatus, the program comprising:

a spooling step capable of spooling a plurality

of print jobs generated in succession; and

a control step capable of combining the plural
print jobs entered from the spooling step and
transferring them as a single print job to the
5 printing apparatus.

16. A program according to claim 15, wherein
said control step comprises:

a first discrimination step which discriminates
10 a coincidence state of print control information of
an entered print job and print control information of
a next print job succeeding to said print job; and

a combining step which combines said print job
and said next print job in case said first
15 discrimination step identifies an all coinciding
state.

17. A program according to claim 16, wherein
said combining step combines the print jobs in case
20 said first discrimination step identifies that the
entered print job and the next print job have a print
copy number of 1 page each.

18. A program according to claim 15, further
25 comprising:

a second discrimination step which
discriminates whether an application software having

instructed the generation of the entered print job
and the next print job succeeding to said print job
is a specified application software;

wherein said combining step combines the print
5 jobs in case said second discrimination step
identifies that the application software having
instructed the generation of the entered print job
and the next print job succeeding to said print job
is a specified application software.

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19. A program according to claim 15, wherein
said control step comprises:

a first discrimination step which discriminates
a coincidence state of print control information of
15 an entered print job and print control information of
a next print job succeeding to said print job;

a second discrimination step which
discriminates whether an application software having
instructed the generation of the entered print job
20 and the next print job succeeding to said print job
is a specified application software; and

a combining step which combines said print job
and said next print job in case said first
discrimination step identifies an all coinciding
25 state, or in case said second discrimination step
identifies that the application software having
instructed the generation of the entered print job

and the next print job succeeding to said print job is a specified application software.

20. A program according to claim 15, wherein
5 said control step comprises:

a first discrimination step which discriminates a coincidence state of print control information of an entered print job and print control information of a next print job succeeding to said print job;

10 a second discrimination step which discriminates whether an application software having instructed the generation of the entered print job and the next print job succeeding to said print job is a specified application software; and

15 a combining step which combines said print job and said next print job in case said first discrimination step identifies an all coinciding state, and in case said second discrimination step identifies that the application software having
20 instructed the generation of the entered print job and the next print job succeeding to said print job is a specified application software.

21. A program according to claim 15, wherein
25 the printing apparatus includes an engine unit executing an electrophotographic process and executes a predetermined resetting process at every partition

of print job transferred from the information
processing apparatus.